

00478CIPCIPCIP

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Apostolides, John K.

METHODS AND SYSTEMS FOR

PERFORMING, MONITORING AND

ANALYZING MULTIPLE MACHINE

Serial No.:

10/612,205

**FLUID PROCESSES** 

Filing Date: July 2, 2003

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

May 6, 2004

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## Dear Commissioner:

Applicant, in accordance with the duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advises the United States Patent and Trademark Office of the references listed on the accompanying form PTO/SB/08A Information Disclosure Statement by Applicant (Substitute for Form-1449A/PTO). With the exception of United States patents and published United States patent applications, a copy of each reference cited on the Information Disclosure Statement by Applicant is enclosed.

Applicant notes that although the cited references may be relevant to the examination of the above-referenced patent application, under 37 C.F.R. § 1.97(h), the filing of this Information Disclosure Statement by Applicant "shall not be construed to be an

admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Respectfully submitted,

Michael D. Lazzara

Reg. No. 41,142

Attorney for Applicant

KIRKPATRICK & LOCKHART LLP Henry W. Oliver Building 535 Smithfield Street Pittsburgh, Pennsylvania 15222-2312

Telephone: (412) 355-8994 Facsimile: (412) 355-6501 E-mail: <u>mlazzara@kl.com</u>

Customer No. 26285

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Complete if Known Substitute for form 1449A/PTO **Application Number** 10/612,205 Filing Date July 2, 2003 INFORMATION DISCLOSURE **First Named Inventor** Apostolides, John K. STATEMENT BY APPLICANT Art Unit **Examiner Name** (use as many sheets as necessary) Attorney Docket Number Sheet 00478CIPCIPCIP of

	·		S. PATENT DO	COMENIS	
	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		1,379,259	05-24-1921	Hans	
		1,815,221	07-21-1931	Sweetland	
		2,102,514	12-14-1937	Clarkson	
		2,110,662	03-08-1938	Fisher	
		2,143,533	01-10-1939	Archea et al.	
		2,320,048	05-25-1943	Parson	
		2,838,039	06-10-1958	Smith et al.	
		2,887,058	05-19-1959	Aspelin et al.	
•		2,928,499	03-15-1960	Nallinger	
		3,045,420	07-24-1962	Addie et al.	
		3,057,436	10-09-1962	Jacobson et al.	
		3,146,720	09-01-1964	Henry	
		3,282,380	11-01-1966	Burrell et al.	
		3,430,730	03-04-1969	Kitajima	
	1	3,658,153	04-25-1972	Berman	
	1	3,858,686	01-07-1975	Luterick	
· · · · · ·	1	4,058,981	11-22-1977	Henson	
		4,095,673	06-20-1978	Takeuchi	

		FOREIGN F	PATENT DOC	UMENTS		
Examiner Initials*	r Cite No.1 Country Code3-Number4-Kind Code5 (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		EP 0 416 688 A1	03-13-1991	Groeneveld Transport Efficiency		
		WO 02/27186 A1	04-04-2002	RPM Industries, Inc.		-

Examiner	 Date	
Signature	 Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

1161901 v1 - 0224285.0020

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

				Complete if Known		
Substitute for for	orm 1449A/PTO			Application Number	10/612,205	
				Filing Date	July 2, 2003	
	MATION DIS			First Named Inventor	Apostolides, John K.	
STATE	EMENT BY A	PPLIC	CANT	Art Unit		
				Examiner Name		
(use as	many sheets as	s nece	ssary)			
Sheet	2	of	4	Attorney Docket Number	00478CIPCIPCIP	

	U.S. PATENT DOCUMENTS							
Examiner Initials* Cite	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document				
	<del> </del>	4,126,997	11-28-1978	Henson				
		4,168,693	09-25-1979	Harrison				
		4,174,699	11-20-1979	Gill				
		4,290,739	09-22-1981	Korse				
		4,331,112	05-25-1982	Pluequet				
		4,354,574	10-19-1982	Kieber				
		4,421,078	12-20-1983	Hurner				
	ĺ	4,458,644	07-10-1984	Papst				
		4,462,350	07-31-1984	Kurata				
	T	4,512,298	04-23-1985	Hayashi				
		4,553,512	11-19-1985	Showman				
		4,628,877	12-16-1986	Sundles et al.				
		4,813,853	03-21-1989	Otto et al.				
	ĺ	4,893,598	01-16-1990	Stasiuk				
		4,965,549	10-23-1990	Koike				
		5,014,820	05-14-1991	Evans				
		5,195,476	03-23-1993	Schwarz				
		5,198,698	03-30-1993	Paul et al.				
		5,244,367	09-14-1993	Aslin				

	Publication Date	Name of Patentee or	Pages, Columns, Lines,	T
ite o.1 Country Code3-Number4-Kind Code5 (if known)		Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

				Complete if Known		
Substitute for fo	orm 1449A/PTO			Application Number	10/612,205	
				Filing Date	July 2, 2003	
	MATION DIS			First Named Inventor	Apostolides, John K.	
STATE	MENT BY A	PPLI	CANT	Art Unit		
l				Examiner Name		
(use as many sheets as necessary)						
Sheet	3	of	4	Attorney Docket Number	00478CIPCIPCIP	

		U.	S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number - Kind Code <sup>2</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		5,462,420	10-31-1995	Stehr et al.	
		5,511,522	04-30-1996	Tran	
		5,748,500	05-05-1998	Quentin et al.	·
		5,759,013	06-02-1998	Miyazaki et al.	
		5,797,732	08-25-1998	Watanabe et al.	
		5,823,750	10-20-1998	Hoffmann et al.	
		5,964,256	10-12-1999	Bedi et al.	
		6,215,728 B1	04-10-2001	Yamada	
		6,461,118 B1	10-08-2002	Apostolides et al.	
		6,542,851 B2	04-01-2003	Hasegawa et al.	
		6,544,008 B1	04-08-2003	Apostolides et al.	
		US 2003/0150256 A1	08-14-2003	Jakoby et al.	
		US 2003/0202887 A1	10-30-2003	Apostolides et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		

Examiner	Date	
Signature	 Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

1161901 v1 - 0224285.0020

Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

				Valid Ottib Corta of Harribot		
			Complete if Known			
rm 1449A/PTO			Application Number	10/612,205		
			Filing Date	July 2, 2003		
			First Named Inventor	Apostolides, John K.		
STATEMENT BY APPLICANT			Art Unit			
•			Examiner Name			
many sheets as	neces	sary)				
4	of	4	Attorney Docket Number	00478CIPCIPCIP		
	many sheets as	MATION DISCLOS MENT BY APPLIC	MATION DISCLOSURE MENT BY APPLICANT many sheets as necessary)	MATION DISCLOSURE MENT BY APPLICANT  many sheets as necessary)  Application Number Filling Date First Named Inventor Art Unit Examiner Name		

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	miner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when approp item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), v number(s), publisher, city and/or country where published		oriate), title of the volume-issue		
		United States Patent Application No. 10/820,551, filed April 8, 2004. (Attorney Docket No. 00478CIPCIPCIPCIP)			
		.2.			

Examiner	Date	
Signature	Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.